**Index of Claims** 

| App | licati | ion/ | Con  | trol | No   |
|-----|--------|------|------|------|------|
| THE | cat    | 0111 | 0011 | uvi  | 140. |

10/823,204

Applicant(s)/Patent under Reexamination KENOWSKI ET AL.

Examiner

Art Unit

FRANKIE L. STINSON

1746

| 1  | Rejected |
|----|----------|
| II | Allowed  |

| _ | (Through numeral)<br>Cancelled |
|---|--------------------------------|
| ÷ | Restricted                     |

| 2 | Non-Elected  |
|---|--------------|
| - | Interference |

| A | Appeal   |
|---|----------|
| 0 | Objected |

| Cla   | aim      | Τ        |          |          |  | Date   | <u></u> -    |              |              |                | 1   | Cla   | aim      | Date            |          |   |  |          |          |          |              |          |
|-------|----------|----------|----------|----------|--|--|--------------|--------------|--------------|----------------|-----|-------|----------|-----------------|----------|---|--|----------|----------|----------|--------------|----------|
| Final | Original | 18       |          |          |  |  |              |              |              |                |     | Final | Original |                 |          |   |  |          |          |          |              |          |
|       | 1        | 1        |          |          |  |  |              |              |              |                |     |       | 51       |                 |          |   |  |          |          |          |              |          |
|       | 2        | 1        |          |          |  |  |              |              |              |                |     |       | 52       |                 |          | Ξ |  |          |          |          |              |          |
|       | 3        | 2        |          | _        | L  | <u> </u>   |              | <u></u>      |              | _              |     |       | 53       |                 |          |   |  | _        |          | L        | L            |          |
|       | 4        | ~        |          | <u> </u> | <u>L</u>   | <u> </u>   | L            |              | _            | <u> </u>       |     |       | 54       |                 |          |   |  | <u> </u> | _        | <u> </u> | L            | <u> </u> |
|       | 5        | 1        |          | <u> </u> | L  | ╙  | <u> </u>     | _            | _            | _              |     |       | 55       | Ц               | _        |   | <u> </u>   | <u> </u> | _        | <u> </u> | L            |          |
|       | 6        | ٧        |          | <u> </u> | ├  | <u> </u>   | _            | <u> </u>     | ├_           | ├_             |     |       | 56       | $\sqcup$        | _        |   | <u> </u>   | <u> </u> | _        | <u> </u> | _            | _        |
|       | 7        | _        | <u> </u> | _        | ┢  | ⊢  | <u> </u>     | ┝            | ⊢            | ├              |     |       | 57       |                 | -        |   | -  | -        | -        | <u> </u> | -            | _        |
|       | 8        | $\vdash$ |          | ├        | -  | -  | <u> </u>     | ⊢            | ⊢            | ├              |     |       | 58<br>59 | $\vdash \vdash$ | -        |   | ┝  | -        | -        | -        | -            | ├        |
|       | 10       | -        | _        | ⊢        | ⊢  | ⊢  | ⊢            | ├            | -            | ├              |     |       | 60       | -               | -        |   |  | ├        | ⊢        | ⊢        | $\vdash$     | ⊢        |
|       | 11       |          |          | ┢        | ├  | $\vdash$   | $\vdash$     | ┢            | H            | ┢              |     |       | 61       | H               |          |   |  | ├─       | ├        |          | -            |          |
|       | 12       | -        |          | -        | ⊢  | ┢  | -            | ┢            | -            | ┢              |     |       | 62       |                 | -        |   | -  | -        | ╁╾       | -        | -            | ┝        |
|       | 13       | $\vdash$ |          |          | $\vdash$   | ┢  |              | ┢            | ┢╾           | ╁╾             | 1 1 |       | 63       | $\vdash$        | $\dashv$ |   | ┝  | ┢        | $\vdash$ | $\vdash$ | $\vdash$     | -        |
|       | 14       |          | _        |          | <del>                                     </del> | <del>                                     </del> | ┢            | H            | H            | t              |     |       | 64       | $\vdash$        | $\dashv$ |   | $\vdash$   | $\vdash$ | $\vdash$ | -        | $\vdash$     | -        |
|       | 15       | Н        |          | -        | <del>                                     </del> | -  | $\vdash$     | $\vdash$     | $\vdash$     | $\vdash$       |     |       | 65       | Н               | $\dashv$ |   | $\vdash$   | ┢        | -        | $\vdash$ | $\vdash$     | ┢        |
|       | 16       |          |          | _        |  |  | _            | _            | _            | <del> </del>   |     |       | 66       | H               |          |   | <del>                                     </del> | $\vdash$ |          |          |              | $\vdash$ |
|       | 17       |          |          | _        |  |  |              |              |              |                |     |       | 67       | Н               | 一        |   |  | $\vdash$ | <b>-</b> | -        | _            | _        |
|       | 18       |          |          | _        |  |  | Г            | $\vdash$     |              | $\vdash$       |     |       | 68       | H               |          |   |  | _        | ┪        |          | 1            | Н        |
|       | 19       |          |          |          |  | _  |              |              | T            | Ī              |     |       | 69       | П               |          |   | _  | $\vdash$ |          |          |              |          |
|       | 20       |          |          |          |  |  |              |              |              |                | ĺ   |       | 70       | П               | T        |   |  |          |          | -        |              | П        |
|       | 21       |          |          |          |  |  |              |              |              | Г              |     |       | 71       | П               |          |   |  |          |          |          |              |          |
|       | 22       |          |          |          |  |  |              |              |              |                |     |       | 72       | П               |          |   |  |          |          |          |              |          |
|       | 23       |          |          |          |  |  |              | Π            |              |                |     |       | 73       | П               |          |   |  |          |          |          |              | _        |
|       | 24       |          |          |          |  |  |              |              |              |                | 1   |       | 74       |                 |          |   |  |          |          |          |              |          |
|       | 25       |          |          |          |  |  |              |              |              |                |     |       | 75       |                 |          |   |  |          |          |          |              |          |
|       | 26       |          |          |          |  |  |              | L            |              | L              |     |       | 76       |                 |          |   |  |          |          |          |              |          |
|       | 27       |          |          | L        |  |  |              |              |              |                |     |       | 77       |                 |          |   |  |          |          |          |              |          |
|       | 28       |          |          | _        | L  | L  |              | 匚            |              |                |     |       | 78       | Ш               | _        |   |  | <u> </u> |          | L        | L            | 匚        |
|       | 29       |          |          | _        | L  | <u> </u>   | L.           | <u> </u>     | 匚            | L              |     |       | 79       | Ш               | _        |   |  | L        | 1        | _        | L            | _        |
|       | 30       |          |          | ļ        |  |  |              | L_           | _            | L              |     |       | 80       | Ш               | _        | _ | _  | <u> </u> |          |          | _            | _        |
|       | 31       | _        |          |          |  | L.   | L.           | <u> </u>     |              |                |     |       | 81       |                 | $\dashv$ |   | L  | L        | _        |          | L            |          |
|       | 32       | _        |          | -        | <u> </u>   | <u> </u>   | _            | <u> </u>     | _            | L              |     |       | 82       |                 | _        |   | _  | <u> </u> | <u> </u> | ļ        | _            | <u> </u> |
|       | 33       | _        |          |          | _  | <u> </u>   | _            | <u> </u>     | <u> </u>     | <u> </u>       |     |       | 83       | $\vdash$        | _        |   | _  | <u> </u> |          | <u> </u> | <u> </u>     | <u> </u> |
|       | 34       | -        |          | _        |  | ⊢  |              | <u> </u>     |              | <u> </u>       |     |       | 84       | -               | -        |   | _  | ┞        |          | -        |              | _        |
|       | 35       | $\vdash$ |          | $\vdash$ | -  | $\vdash$   | $\vdash$     | $\vdash$     | -            | <del> </del> — |     |       | 85       | $\vdash$        | $\dashv$ | _ | <u> </u>   | $\vdash$ | -        | <u> </u> | <del> </del> | $\vdash$ |
|       | 36<br>37 | $\vdash$ | _        | <u> </u> | -  | $\vdash$   | $\vdash$     | $\vdash$     | <del> </del> | ⊢              |     |       | 86       | $\vdash$        | $\dashv$ | _ | _  | $\vdash$ | ├        | <u> </u> | H            | -        |
|       | 38       | -        | _        | -        | -  | -  | -            |              |              | ⊢              |     |       | 87<br>88 | H               | $\dashv$ | _ | -  | ├        |          | -        | -            | -        |
|       | 39       | $\vdash$ |          | ⊢        | -  | <del>                                     </del> | <del> </del> | <del> </del> | $\vdash$     | $\vdash$       |     |       | 89       | $\vdash$        | $\dashv$ |   | _  | -        | -        | $\vdash$ | H            | $\vdash$ |
|       | 40       | $\vdash$ |          | $\vdash$ | -  |  |              | -            | -            | $\vdash$       |     |       | 90       | $\vdash$        | $\dashv$ | _ | $\vdash$   | $\vdash$ | -        | $\vdash$ | $\vdash$     | ┝        |
|       | 41       | Н        |          | $\vdash$ | -  |  | -            | <del> </del> | $\vdash$     | H              |     |       | 91       | $\dashv$        | ┪        |   | <u> </u>   | $\vdash$ | $\vdash$ | $\vdash$ | $\vdash$     | -        |
|       | 42       | Н        | _        | $\vdash$ | <del>                                     </del> | 1  | $\vdash$     |              | ┢            | т              |     |       | 92       | $\vdash$        | -        |   | -  | ┢        |          | $\vdash$ | $\vdash$     | Н        |
|       | 43       | Н        |          |          | <u>†                                    </u>     | T  | Ι-           | $\vdash$     | $\vdash$     | $\Box$         |     |       | 93       | $\vdash$        |          |   | -  | $\vdash$ |          | Н        | $\vdash$     | ┢═       |
|       | 44       | П        |          | Т        | $\vdash$   |  | H            | $\vdash$     | Т            | П              |     |       | 94       | $\vdash$        | $\dashv$ |   |  | ┢        |          |          | Т            | Т        |
|       | 45       |          |          |          |  |  |              |              |              |                |     |       | 95       |                 |          |   |  |          |          | Т        | T            |          |
|       | 46       | П        |          |          | <u> </u>   |  | · · ·        |              |              | Г              |     |       | 96       |                 | $\neg$   | _ |  | Г        | Г        | Т        | ı            | _        |
|       | 47       |          |          |          |  | Г  |              | <u> </u>     | Г            | Г              |     |       | 97       |                 | 一        |   | Т  | Г        |          | Г        | Γ            |          |
|       | 48       |          |          |          |  |  |              |              |              |                |     |       | 98       |                 | ヿ        |   |  |          |          | Г        |              | Т        |
|       | 49       |          | _        |          |  |  |              |              |              |                |     |       | 99       |                 |          |   |  |          |          |          |              | ·        |
|       | 50       |          |          |          |  |  |              |              |              |                |     |       | 100      |                 |          |   |  |          |          |          |              |          |

| Cla      | aim      | Date         |              |          |              |             |              |  |  |  |  |  |
|----------|----------|--------------|--------------|----------|--------------|-------------|--------------|--|--|--|--|--|
|          | Ι.       |              |              |          |              |             |              |  |  |  |  |  |
| Final    | Original |              |              |          |              |             |              |  |  |  |  |  |
|          | ١٥       |              |              |          |              |             |              |  |  |  |  |  |
|          | 51       |              | П            |          |              |             |              |  |  |  |  |  |
|          | 52       |              |              |          |              |             |              |  |  |  |  |  |
|          | 53       |              |              |          |              |             |              |  |  |  |  |  |
|          | 54       |              |              |          |              |             |              |  |  | $oxed{oxed}$                                     |  |  |
|          | 55       |              | _            | _        | 匚            | _           | _            | <u> </u>   | L.   | Ш  |  |  |
|          | 56       |              |              | _        | _            | L_          | <u> </u>     | <u> </u>   | <u> </u>   | L_   |  |  |
|          | 57       |              | _            | <u> </u> | <u> </u>     |             | _            | _  | _  | _  |  |  |
| <u> </u> | 58       | _            | <u> </u>     | -        | <u> </u>     |             | -            | _  | _  | <u> </u>   |  |  |
|          | 59       | <b>-</b>     | <u> </u>     | -        | <del> </del> | ┝           | <del> </del> | ⊢  | ┡  | H  |  |  |
|          | 60       | _            | ┝            | ⊢        | ┝            |             | -            |  | -  |  |  |  |
| -        | 61<br>62 | -            | ⊢            | -        |              |             |              | ├  | -  | ├  |  |  |
| <b>—</b> | 63       | -            | $\vdash$     | ├        | $\vdash$     | $\vdash$    | $\vdash$     | $\vdash$   | $\vdash$   | ⊢  |  |  |
| $\vdash$ | 64       | $\vdash$     | $\vdash$     | $\vdash$ | $\vdash$     | $\vdash$    | -            | ├-   | $\vdash$   | <del> </del>                                     |  |  |
|          | 64<br>65 | -            | $\vdash$     | $\vdash$ | ⊢            |             | -            | $\vdash$   | -  |  |  |  |
|          | 66       | $\vdash$     | <del> </del> | -        | $\vdash$     | $\vdash$    | Н            | $\vdash$   | H  | $\vdash$   |  |  |
|          | 67       | $\vdash$     | $\vdash$     |          |              |             | ┢            |  | <del>                                     </del> |  |  |  |
|          | 68       | $\vdash$     | $\vdash$     | $\vdash$ | $\vdash$     | _           | $\vdash$     | _  |  | П  |  |  |
|          | 69       | $\vdash$     | $\vdash$     |          | _            | $\vdash$    |              |  |  |  |  |  |
|          | 70       |              |              |          |              |             |              |  |  |  |  |  |
|          | 71       |              |              |          |              |             |              |  |  |  |  |  |
|          | 72       |              | Г            |          |              |             |              |  |  |  |  |  |
|          | 72<br>73 |              |              |          |              |             |              |  |  |  |  |  |
|          | 74       |              |              |          |              |             |              |  |  |  |  |  |
|          | 75       |              |              |          |              | _           |              |  |  | L  |  |  |
|          | 76       | _            | L            | _        |              |             |              | L  |  | L  |  |  |
| <u></u>  | 77       | <u> </u>     | L            | _        | $\vdash$     | <u> </u>    |              | _  | _  |  |  |  |
| <u> </u> | 78<br>79 | _            |              |          |              | ļ           |              | <u> </u>   | ┡  | L  |  |  |
|          | 80       | $\vdash$     | $\vdash$     | $\vdash$ | $\vdash$     | <u> </u>    |              | <u> </u>   | $\vdash$   |  |  |  |
| -        | 81       | -            | $\vdash$     | $\vdash$ |              | ⊢           |              | -  | $\vdash$   | <del>                                     </del> |  |  |
| $\vdash$ | 82       | -            | -            | -        | -            | _           | _            | -  | -  | $\vdash$   |  |  |
| -        | 83       | <del> </del> | $\vdash$     | -        | $\vdash$     | <u> </u>    | _            |  | -  | $\vdash$   |  |  |
|          | 84       | -            |              | -        | $\vdash$     | $\vdash$    |              | $\vdash$   | $\vdash$   | $\vdash$   |  |  |
|          | 85       | -            | $\vdash$     | $\vdash$ | Н            | П           | Η-           | <del>                                     </del> | -  | $\vdash$   |  |  |
|          | 86       |              | Г            | Г        |              |             |              |  | $\vdash$   | $\vdash$   |  |  |
|          | 87       |              |              |          |              |             |              |  |  |  |  |  |
|          | 88       |              |              |          | •            |             |              |  |  |  |  |  |
|          | 89       |              |              |          |              |             |              |  |  |  |  |  |
|          | 90       |              |              |          |              |             |              |  |  |  |  |  |
| $\perp$  | 91       |              | Щ            | igsqcup  |              | $\bigsqcup$ |              | L  | L  | Ш  |  |  |
|          | 92       | _            | L.           |          |              |             |              | L  | L.   |  |  |  |
|          | 93       |              | _            | _        | _            |             |              |  | $\vdash$   | _  |  |  |
|          | 94       | <u> </u>     |              | <u> </u> | <u> </u>     | <u> </u>    | _            | $\vdash$   | <u> </u>   | $\vdash$   |  |  |
| <u> </u> | 95       |              | $\vdash$     | -        |              | $\vdash$    | -            |  | <del> </del>                                     |  |  |  |
| <u> </u> | 96<br>97 |              | $\vdash$     | $\vdash$ | $\vdash$     | $\vdash$    | _            | <u> </u>   | ├-   | $\vdash$   |  |  |
|          | 98       | -            | $\vdash$     | $\vdash$ | -            | $\vdash$    |              | ⊢  | ├  |  |  |  |
|          | 99       | -            | $\vdash$     | $\vdash$ |              |             | H            | $\vdash$   | $\vdash$   | <del> </del>                                     |  |  |
| $\vdash$ | 100      |              | $\vdash$     | $\vdash$ | $\vdash$     | $\vdash$    | $\vdash$     |  | -  | $\vdash$   |  |  |

| Cla   | aim   | Date      |          |          |          |                                     |          |          |              |                 |  |  |
|-------|---|-----------|----------|----------|----------|-------------------------------------|----------|----------|--------------|-----------------|--|--|
| Final | Original                                      |           |          |          |          |                                     |          |          |              |                 |  |  |
|       | 101   |           |          |          |          |                                     |          |          |              | П               |  |  |
|       | 102<br>103<br>104<br>105<br>106               |           |          |          |          |                                     |          |          |              |                 |  |  |
|       | 103   |           |          |          |          |                                     |          |          |              |                 |  |  |
|       | 104   |           |          |          |          |                                     |          |          | _            | Ш               |  |  |
|       | 105   |           |          |          | <u>_</u> |                                     | <u> </u> | L_       | <u> </u>     | Щ               |  |  |
|       | 106   |           | <u> </u> | <u> </u> |          | _                                   | <u> </u> | <u> </u> | <u> </u>     | Щ               |  |  |
|       | 107<br>108                                    |           | <u> </u> | _        | <u> </u> | <u> </u>                            | _        | ┡        | ⊢            | Н               |  |  |
|       | 109   |           |          | -        | ├        | -                                   | -        |          | ┝            | H               |  |  |
|       | 110   |           | -        | $\vdash$ | -        | -                                   | ├        | ┝        | ├─           | $\vdash$        |  |  |
|       | 111   |           | -        | -        | _        | -                                   | $\vdash$ | $\vdash$ | $\vdash$     | H               |  |  |
|       | 111<br>112                                    |           |          |          | $\vdash$ |                                     | $\vdash$ | $\vdash$ | $\vdash$     | Н               |  |  |
|       | 113   |           |          | -        | <u> </u> | <u> </u>                            | <b>-</b> | <b>!</b> | 1            | $\vdash$        |  |  |
|       | 113<br>114<br>115                             |           | Н        |          |          |                                     |          | Ι-       |              | Н               |  |  |
|       | 115   |           |          |          |          |                                     |          |          |              |                 |  |  |
|       | 116   |           |          |          |          |                                     |          |          |              |                 |  |  |
|       | 116<br>117                                    |           |          |          |          |                                     |          |          |              |                 |  |  |
|       | 118<br>119                                    |           |          |          |          |                                     |          |          |              |                 |  |  |
|       | 119   |           |          |          | L_       |                                     | _        |          | _            | Ш               |  |  |
|       | 120<br>121<br>122<br>123                      |           |          |          | _        | $ldsymbol{ldsymbol{ldsymbol{eta}}}$ | <u></u>  | <u> </u> | <u> </u>     | Ш               |  |  |
|       | 121   |           | _        | _        | _        | L                                   | ᆫ        | <u> </u> | <u> </u>     | Ш               |  |  |
|       | 122   |           | _        | <u> </u> | <u> </u> | L                                   | _        | <u> </u> | <u> </u>     | Н               |  |  |
|       | 123   |           | $\vdash$ | -        | _        | _                                   |          | -        | <u> </u>     | Н               |  |  |
|       | 124   |           | -        |          | -        | $\vdash$                            | -        | -        | $\vdash$     |                 |  |  |
|       | 126   |           | -        | <u> </u> | -        | <del> </del>                        |          |          | -            |                 |  |  |
|       | 127   |           |          |          |          |                                     | H        | _        | -            | H               |  |  |
|       | 124<br>125<br>126<br>127<br>128<br>129<br>130 |           |          |          |          |                                     |          |          |              |                 |  |  |
|       | 129   |           |          |          |          |                                     |          |          |              | П               |  |  |
|       | 130   |           |          |          |          |                                     |          |          |              |                 |  |  |
|       | 131   |           |          |          |          |                                     |          |          |              |                 |  |  |
|       | 131<br>132<br>133<br>134                      |           |          |          |          |                                     |          |          |              |                 |  |  |
|       | 133   |           |          |          |          | _                                   | _        |          | L            |                 |  |  |
|       | 134   |           |          | _        | _        | _                                   | _        | _        | H            | Щ               |  |  |
|       | 135<br>136                                    |           |          | $\vdash$ | -        |                                     | _        | ⊢        | ⊢            | $\vdash$        |  |  |
|       | 135   |           | -        | -        | _        | $\vdash$                            | -        | <u> </u> | $\vdash$     | $\vdash \vdash$ |  |  |
|       | 138   |           |          |          | H        | -                                   |          | -        | $\vdash$     | $\dashv$        |  |  |
|       | 138<br>139                                    | -         | -        | $\vdash$ | -        | <u> </u>                            | -        | Н-       | -            | $\vdash\vdash$  |  |  |
|       | 140   | $\vdash$  | $\vdash$ | $\vdash$ | $\vdash$ |                                     | $\vdash$ |          | -            | $\vdash$        |  |  |
|       | 141   |           |          |          |          |                                     |          |          |              |                 |  |  |
|       | 142   |           |          |          |          |                                     |          |          |              |                 |  |  |
|       | 143   |           |          |          |          |                                     |          |          |              |                 |  |  |
|       | 144   |           |          |          |          |                                     |          |          |              |                 |  |  |
|       | 145   |           |          |          | L        | L                                   | L        |          | $oxed{oxed}$ |                 |  |  |
|       | 146   |           |          |          | _        | ļ                                   |          |          |              | Ш               |  |  |
|       | 147   | $\square$ | _        |          | _        |                                     |          |          | _            | $\square$       |  |  |
|       | 148   | -         | _        | Щ        | _        | ├_                                  |          | H        | _            | $\vdash$        |  |  |
|       | 149   | $\dashv$  | :        |          | <u> </u> | -                                   |          | H        | H            | $\dashv$        |  |  |
|       | 150   |           |          |          | L        | L                                   | L        |          |              |                 |  |  |